

EMBEDDED MULTIPLE DESCRIPTION SCALAR QUANTIZERS FOR PROGRESSIVE IMAGE TRANSMISSION

Gavrilescu et al.

Atty Docket: IMEC328.001AUS Appl. No.: Unknown

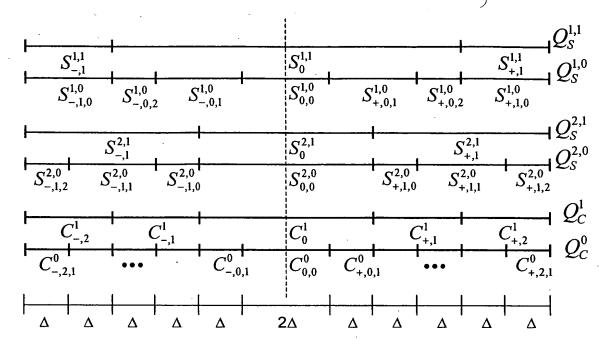


Fig. 2A

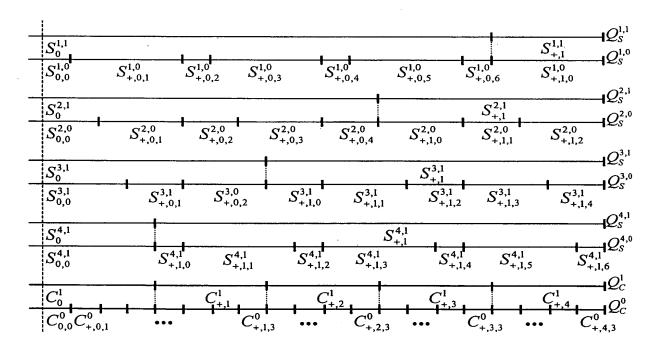


Fig. 2B

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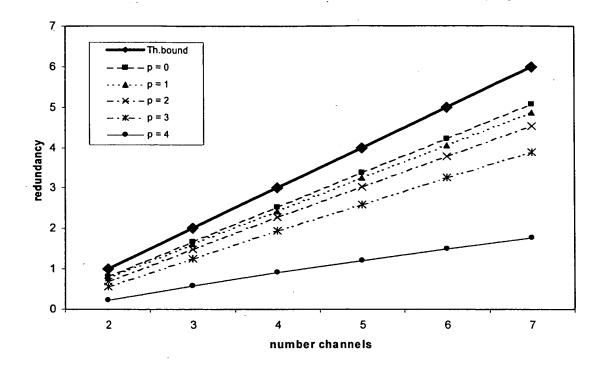


Fig. 3

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

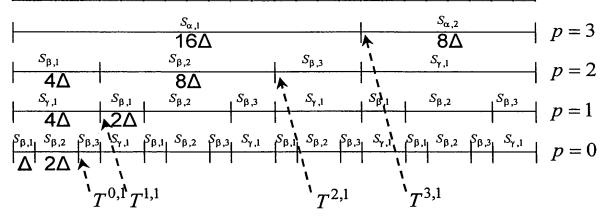


Fig. 4

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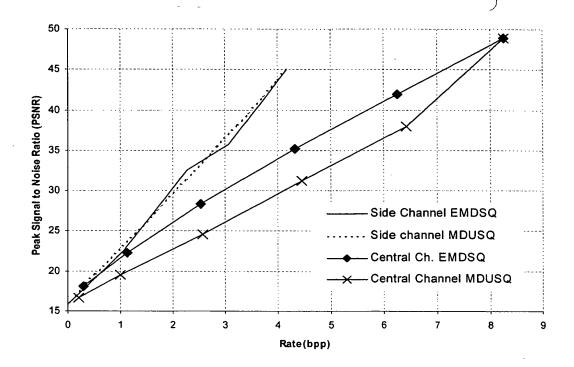


Fig. 5

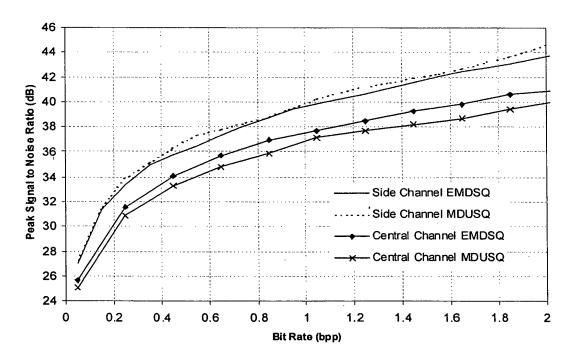
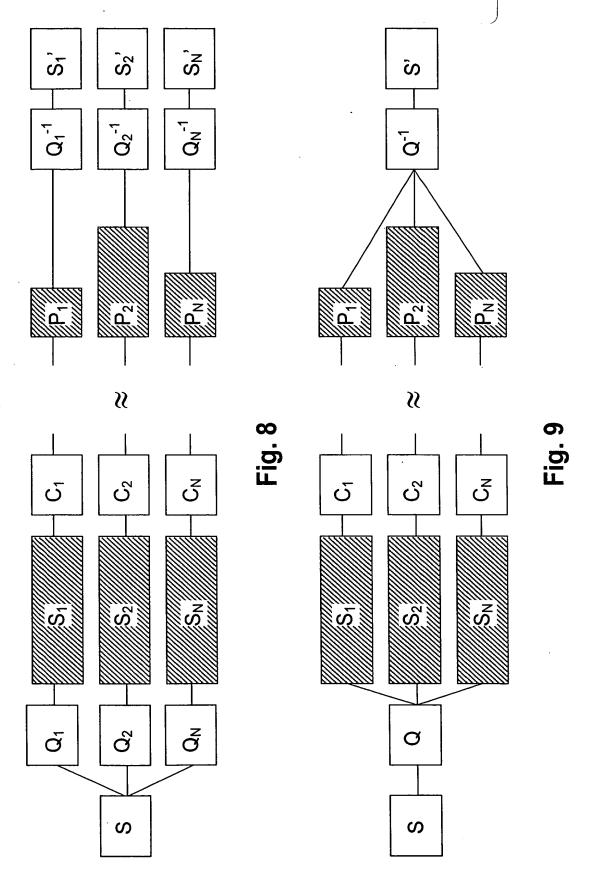
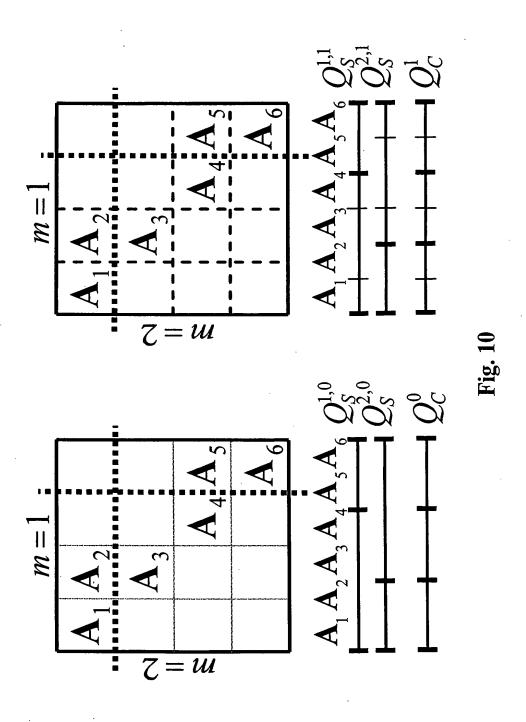


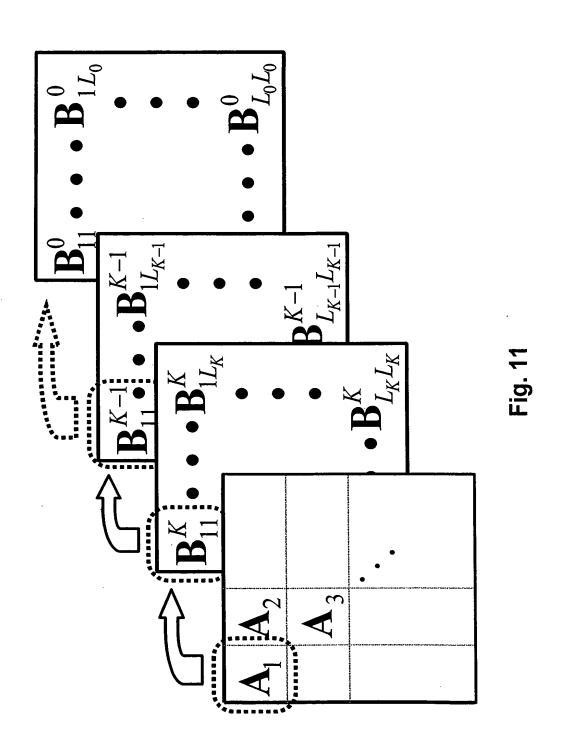
Fig. 6

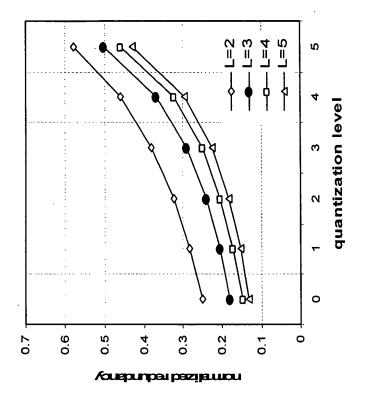
<u>Image</u>	Quant.	0.125	0.25	0.5	_1	2	4
barb.raw	EMDSQ	23.90	25.72	28.52	32.56	37.75	44.52
	MDUSQ	23.63	24.87	28.20	32.16	37.15	42.85
bird.raw	EMDSQ	30.98	34.31	37.94	41.46	44.82	50.04
Dird.raw	MDUSQ	30.15	33.40	37.15	40.66	43.78	48.88
boat.raw	EMDSQ	26.09	28.48	31.23	34.84	39.72	44.92
	MDUSQ	25.62	27.73	30.46	33.85	38.30	43.80
camera.raw	EMDSQ	23.32	25.26	28.08	31.78	37.06	44.43
Carriera.raw	MDUSQ	22.59	24.80	27.50	30.87	36.21	43.08
mandrill.raw	EMDSQ	20.99	21.90	23.51	25.97	29.59	35.50
	MDUSQ	20.59	21.57	22.91	25.25	28.94	34.51
average mean diff.		0.54	0.66	0.61	0.76	0.91	1.25

Fig. 7

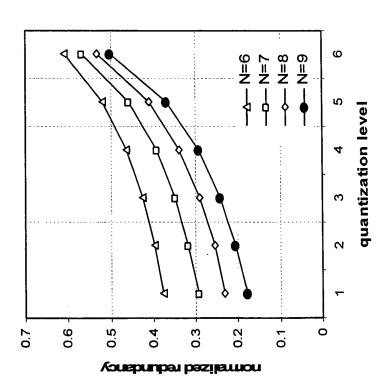








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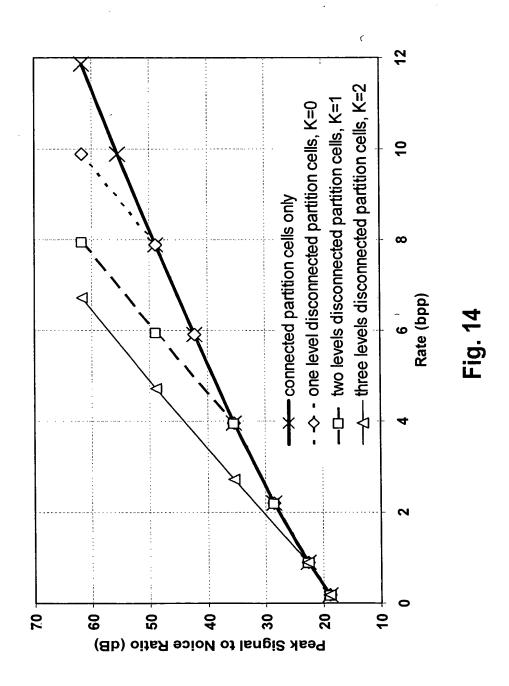


(a)

1	A	7	1		⋖	- , 				
24 26	25 27	28 29	30 31	36 38	37 39	44 45	46 47			
6 16 17 24 26	18 19 25 27	20 22 2	21 23 3	32 33 3	34 35 3	40 42 4	41 43 4			
6 1	7 1	2 13 2	14 15 2	3	3	4	4		(c)	
1 4	2 3 5	8 10 12 13	11						-	
	\mathbf{A}_1	l	6	l	<u> </u>	<u> </u>		<u> </u>	•	က
		i ⊲	F 2	<	£ x 3	۱.۰				ig. 1
		9	5 7 5	6 8	$ 10 11 ^{43}$. (4)			Fig. 13
		1 4 6	7	6 8	10 11		. (4)			Fig. 1
		1 4 6	3 5 7	6 8	 		•			Fig. 1
		1 4 6	3 5 7	6 8	 	$\mathbf{A}_{_{2}}\mathbf{A}_{_{5}}$	•		(a)	

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